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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/560,109 Confirmation No.: 3400
First Named Inventor: Sallaway, Peter J. Filing Date: 28 April 2000
Group Art Unit: 2734 Examiner: Tran, K.
Atty. Docket No.: M-5628 US
Title: Detector For A Gigabit Ethernet Receiver
Assignee(s): National Semiconductor Corporation

Mountain View, California
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COMMISSIONER FOR PATENTS
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AMENDMENT

Sir:

Responsive to the Office Action mailed 13 May 2003, please amend the above patent application in the following manner.

IN THE SPECIFICATION

Page 3, amend the paragraph beginning at line 9 as follows:

In Gigabit Ethernet over twisted pair Category-5 cabling, for example, PAM-5 data can be transmitted over four twisted copper pairs pair at an individual twisted pair baud rate of 125 Mbaud. In PAM-5, data is sent with 5 voltage levels, designated as symbol alphabet $\{A\} = \{-2, -1, 0, 1, 2\}$ although the actual voltage levels may be different from those. Each symbol, therefore, can be used to code more than one bit of data.

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